



Cortex[®]

CONCEALED FASTENING SYSTEM

**Set the screw. Set the plug.
You're all set!**

- **Fast and Easy:** The deck boards are fastened in the same way as a traditional deck
- **Strong Connection:** A through-fastened deck offers the highest level of board-to-joist connection and deck racking strength
- **Cost Effective:** Less expensive than virtually any other hidden fastening system
- **Fully Tested:** All Cortex components have been fully tested and are guaranteed

Available for use with market-leading composite and PVC deck boards.

Photographs should not be used as a reference for fastening patterns.



all set!

**For more information or free samples,
call FastenMaster at 800-518-3569.**

INSTALLATION PROCEDURE

Suggested drills:

- Corded drill with ½" chuck
- Cordless drill with ½" chuck and 18V battery
- Impact driver

1. Using the setting tool, drive the fastener to the preset level below the deck surface. It must be driven perpendicular to the deck, with two screws per joist.
2. Place the plug into the cored hole and gently tap until it is flush with the deck surface.

Cortex Tip: Use scrap wood as a striking surface to eliminate potential marring the hammer may cause.

IMPORTANT INFORMATION

- The Cortex setting tool must be used to set the Cortex screw at the correct depth.
- The Cortex fastener must be driven perpendicular to the deck surface for proper fit and ideal finished look.
- The cored hole must be free of debris or moisture. Use a smooth hammer head to set the Cortex plug.
- Predrilling is required at butt joints and at the ends of boards. Common building practices dictate that you "sister" a joist at butt joint connections.
- Use of non-Cortex screw or non-Cortex plug will nullify the FastenMaster Warranty.

Removing the Cortex Plug and Screw

- Remove existing plug by tapping into the plug with a trim screw.
- Using a standard #1 driver bit (not the Cortex setting tool), engage driver bit deep into screw recess prior to backing out, then reverse fastener out slowly.

Cortex Tip: An 18V impact drill can offer best results when removing a fastener.

Restricted Cortex Uses

The Cortex System is designed for traditional elevated deck structures. The following applications require a different fastening method or further instructions:

- Sleeper systems: Framing rests directly on the ground or roof deck.
- Over solid wood surfaces (i.e. fascia boards, handrails, benches).
- Docks or decks with framing members in constant contact with water.
- Restricted airspace when there is less than 12" of clearance on 3 sides under deck.
- "Tear-offs" that utilize old framing as support for new decking.
- Decking materials other than 1" standard thickness (usually labeled as ¾").

Please contact FastenMaster before building if you are unsure whether Cortex is right for your applications or if you would like further information regarding your project.

WARRANTY

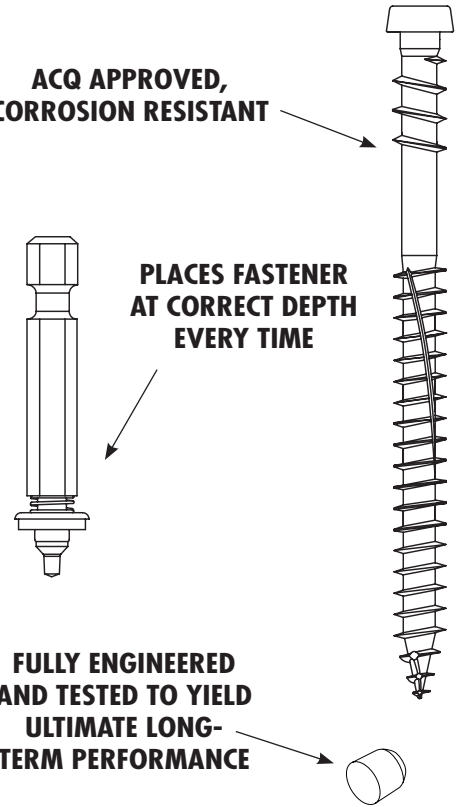
Please visit www.FastenMaster.com or call FastenMaster at 800-518-3569 for a full written warranty. For technical assistance or questions regarding proper use of this system, please contact FastenMaster Technical Support at 800-518-3569 or visit www.FastenMaster.com.

PRODUCT FEATURES

**ACQ APPROVED,
CORROSION RESISTANT**

**PLACES FASTENER
AT CORRECT DEPTH
EVERY TIME**

**FULLY ENGINEERED
AND TESTED TO YIELD
ULTIMATE LONG-
TERM PERFORMANCE**



AZEK DECK

Item #	Description	Screw Length	Sq. Ft. of Deck Surface*
FMCTX-AZ100**	AZEK Deck	2¾"	100 sq ft
FMCTX-AZ300**	AZEK Deck	2¾"	300 sq ft
FMCTX3-AZ100**	AZEK Deck	3"	100 sq ft
FMCTX3-AZ300**	AZEK Deck	3"	300 sq ft

**Color KEY: Acacia (ARAI), Brownstone (BS), Clay (CL), Cobre (ARCB), Fawn (FN), Kona (KA), Morado (ARMO), Redland Rose (ARRR), Sedona (TRSD), Silver Oak (ARCO), Slate Gray (SG), Tahoe (TRTH) White (WH)

EVERGRAIN CLASSIC COLORS

Item #	Description	Screw Length	Sq. Ft. of Deck Surface*
FMCTX-EG100**	EverGrain Classic Colors	2¾"	100 sq ft
FMCTX-EG300**	EverGrain Classic Colors	2¾"	300 sq ft
FMCTX3-EG100**	EverGrain Classic Colors	3"	100 sq ft
FMCTX3-EG300**	EverGrain Classic Colors	3"	300 sq ft

**Color KEY: Cape Code Grey (CCCG), Cedar (CCCR), Redwood (CCRW), Weathered Wood (CCWW)

TIMBERTECH TWINFINISH

Item #	Description	Screw Length	Sq. Ft. of Deck Surface*
FMCTX-TT100**	TimberTech TwinFinish	2¾"	100 sq ft
FMCTX-TT300**	TimberTech TwinFinish	2¾"	300 sq ft
FMCTX3-TT100**	TimberTech TwinFinish	3"	100 sq ft
FMCTX3-TT300**	TimberTech TwinFinish	3"	300 sq ft

**Color KEY: Cedar (TFCR), Grey (TFGY), Redwood (TFRW)

TREX

Item #	Description	Screw Length	Sq. Ft. of Deck Surface*
FMCTX-TX100**	Trex	2¾"	100 sq ft
FMCTX-TX300**	Trex	2¾"	300 sq ft
FMCTX3-TX100**	Trex	3"	100 sq ft
FMCTX3-TX300**	Trex	3"	300 sq ft

**Color KEY: Acorn (ESAC), Madeira (ACMD), Pewter (ESPW), Saddle (ACSD), Sahara (ESSH), Winchester Grey (ACWG), Woodland Brown (ACWB)

* Based on a fastening pattern of 2 screws per joist, spaced every 16", into standard 6" wide decking